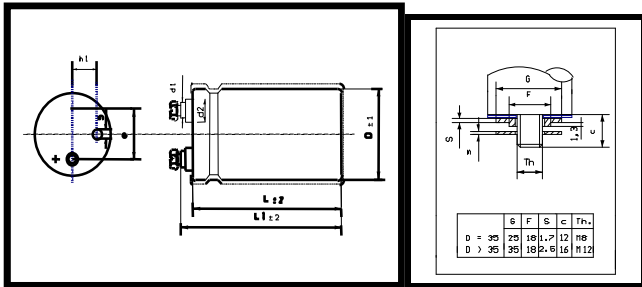


AYUX-HR153X350EJ1



- Screw thread M6, Max torque 2,5Nm
- L1=227mm
- D1=17mm
- D2=23mm
- H1=19mm
- E=31.8mm

Electrical Parameters:

- Capacitance 15'000µF -10% +30%@100Hz
- Rated Voltage 350V
- Surge Voltage 385V
- $\tan\delta$ Max=10%@100Hz,25°C
- I leakage=0,004CV @ 25°C,300s
- I ripple=32.5A @100Hz, rated V and T

Expected Lifetime

- 5'000hrs@85°C, rated Voltage, Max Irms,
 - >150'000hrs@45°C, rated Voltage Max Irms,
- when:

- $\Delta\text{cap} \leq \pm 15\%$
- $\Delta\text{ESR} \leq 1,3 \text{ times maxESR}$
- I leakage \leq Max I leakage
- Total failure $\leq 3\%$



Case Code	$\Phi \times l$ [mm]
EJ	90x222

Picture 1-mechanical outline quantities

$$I_R = I_{R_{85^\circ\text{C}}} \cdot K_t \cdot K_f$$

Equation 1-ripple determination

°C	40	55	65	75	80	85
Kt	1,65	1,5	1,4	1,2	1,1	1,0

Table 1- Kt values

Hz	50	100	300	400	500	>1000
Kf	0,72	1,00	1,24	1,29	1,32	1,37

Table 2- Kf values

For further information please see Itelcond Data Book, or contact our Technical Service.

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